

Taiwan Business Indicators in February 2023

Press Release

National Development Council (NDC)

March 27, 2023



In February 2023, the overall monitoring indicator continued to flash the “blue” signal, the total score decreased 1 point to 10. The trend-adjusted leading index increased for four consecutive months and the coincident index decreased for thirteen consecutive months, the government will be closely monitoring the economic situation.

The Monitoring Indicators

- The total score in February 2023 was 10, flashing the “blue” signal, same as the last month.

Leading Indicators

- The trend-adjusted leading index increased by 1.17% in February 2023 to 100.95, rising for four consecutive months.

Coincident Indicators

- The trend-adjusted coincident index decreased by 1.92% in February 2023 to 90.13, falling for thirteen consecutive months.

Lagging Indicators

- The trend-adjusted lagging index increased by 0.42% in February 2023 to 103.73, rising for twenty-seven consecutive months.

~~ Next publication date: April 27 2023 ~~

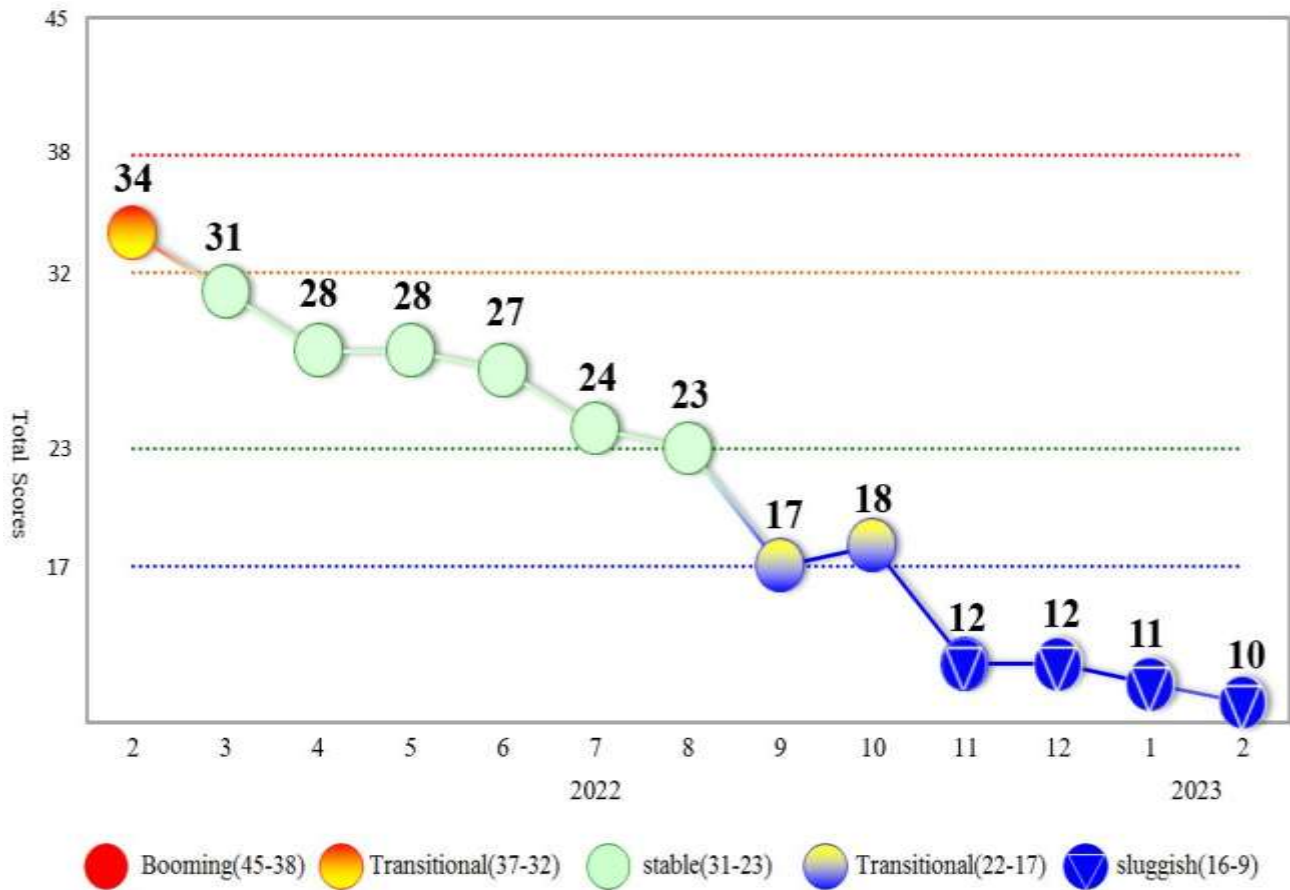


Figure 1 Total Scores in the Past Year

	Light Score	2022												2023				
		2	3	4	5	6	7	8	9	10	11	12	1		2			
		light	%	light	%	light	%	light	%	light	%	light	%	light	%			
Total		34	31	28	28	27	24	23	17	18	12	12	11	10				
Monetary Aggregates M1B		●	●	●	●	○	○	○	○	●	●	●	●	2.3	●	2.4		
TAIEX Average Closing Price		●	○	●	●	●	●	●	●	●	●	●	●	-19.2	●	-14.0		
Industrial Production Index		●	●	○	○	●	○	○	●	●	●	●	●	-10.9 _t	●	-17.6		
Nonagricultural Employment		●	●	●	●	●	●	●	●	●	●	●	●	0.2	●	0.3		
Customs-Cleared Exports		●	●	●	●	●	●	●	○	○	●	●	●	-0.3	●	-19.3		
Imports of Machineries and Electrical Equipments		●	●	●	●	●	●	●	○	●	○	●	●	-5.9	●	-11.1		
Index of producer's shipment for manufacturing		○	○	○	●	●	●	●	●	●	●	●	●	-14.9 _t	●	-15.7		
Sales of Trade and Food Services		●	●	○	●	●	●	●	○	○	●	●	●	-3.9	●	-4.3		
The TIER Manufacturing Sector Composite Indicator		●	○	●	●	●	●	●	●	●	●	●	●	88.1 _t	●	91.2		

Notes : 1. Individual Components and check points are in terms of percentage changes over a one-year span, except the TIER Manufacturing Composite
 2. All components, except TAIEX average closing price, have been seasonally adjusted.

Figure 2 Monitoring Indicators

Table 1 Leading Indicators

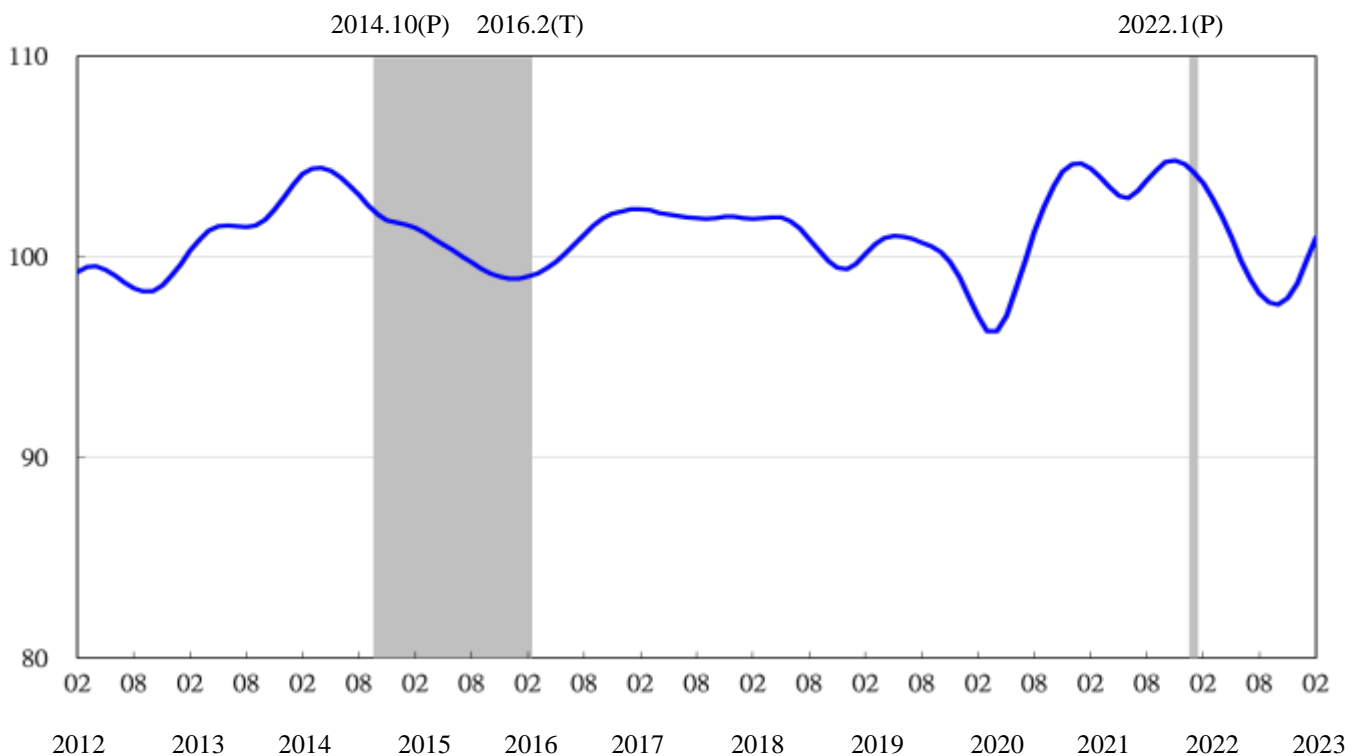
	Index						
	2022					2023	
	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Trend adjusted index	98.18	97.72	97.61	97.94	98.70	99.79	100.95
Change from preceding month (%)	-0.71	-0.46	-0.11	0.34	0.77	1.10	1.17
Components¹							
Diffusion Index of export orders ²	97.64	97.46	97.61	98.22	99.34	100.92	102.58
Real monetary aggregates M1B	99.65	99.47	99.27	99.04	98.80	98.53	98.27
TAIEX average closing price	99.19	98.97	98.83	98.80	98.86	98.98	99.12
Net accession rate of employees on payrolls of industry and services ³	99.91	99.87	99.85	99.88	99.93	99.97	99.99
New housing construction started ⁴	99.87	99.75	99.69	99.69	99.79	99.98	100.21
Real imports of semiconductor equipment	100.12	100.22	100.28	100.28	100.21	100.07	99.89
The TIER manufacturing sector composite indicator	98.43	98.30	98.33	98.50	98.78	99.15	99.55

Note : 1. All components are passed through seasonal adjustment, trend-removal, smoothing and normalization.

2. Diffusion Index of export orders by number of firms.

3. Net accession rate is equal to accession rate minus separation rate.

4. Including only housing, mercantile, business and service, industry warehousing.



Note: Shaded areas represent recessions.

Figure 3 Trend-adjusted Leading Index

Table 2 Coincident Indicators

	Index						
	2022					2023	
	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Trend adjusted index	100.84	99.26	97.53	95.65	93.76	91.89	90.13
Change from preceding month (%)	-1.34	-1.56	-1.74	-1.93	-1.98	-1.99	-1.92
Components							
Industrial production index	100.10	99.56	98.96	98.29	97.53	96.69	95.79
Electric power consumption	100.65	100.09	99.39	98.59	97.82	97.17	96.76
Index of producer’s shipment for manufacturing	99.84	99.19	98.48	97.72	96.94	96.15	95.36
Sales of trade and food services	100.51	100.03	99.49	98.88	98.27	97.66	97.06
Nonagricultural employment	99.47	99.60	99.80	100.07	100.40	100.76	101.14
Real customs-cleared exports	100.09	99.47	98.81	98.09	97.39	96.70	95.98
Real machineries and electrical equipments imports	100.15	99.69	99.21	98.69	98.16	97.64	97.12

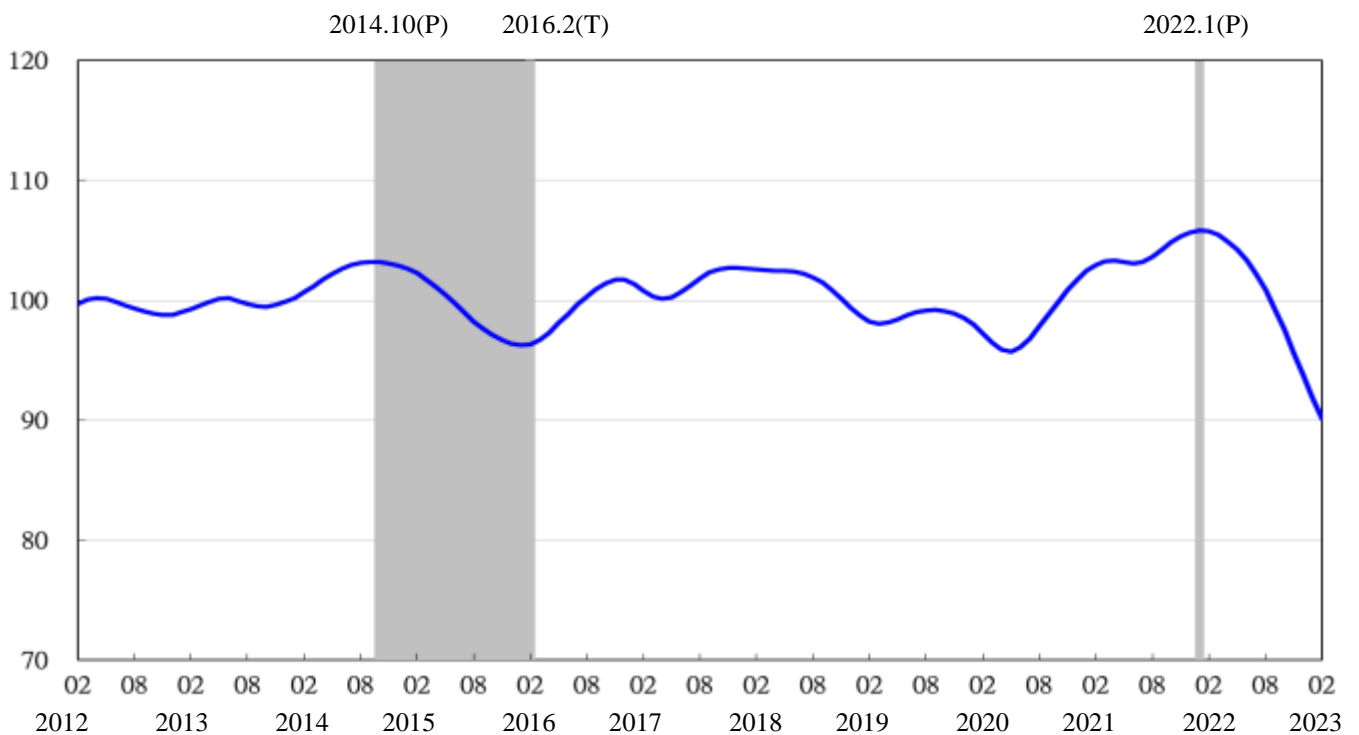


Figure 4 Trend-adjusted Coincident Index

Table 3 Lagging Indicators

	Index						
	2022					2023	
	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Trend adjusted index	102.33	102.33	102.39	102.60	102.92	103.30	103.73
Change from preceding month (%)	0.08	0.00	0.05	0.21	0.31	0.37	0.42
Components							
Unemployment rate	100.38	100.39	100.40	100.42	100.44	100.46	100.48
The manufacturing unit output labor cost index	100.54	100.91	101.37	102.00	102.75	103.61	104.53
Interbank overnight call-loan rate	100.10	100.18	100.27	100.35	100.43	100.50	100.58
Loans and investments of financial institutions	99.32	99.04	98.84	98.74	98.71	98.72	98.74
Inventory value for manufacturing	102.05	101.88	101.58	101.17	100.68	100.11	99.51

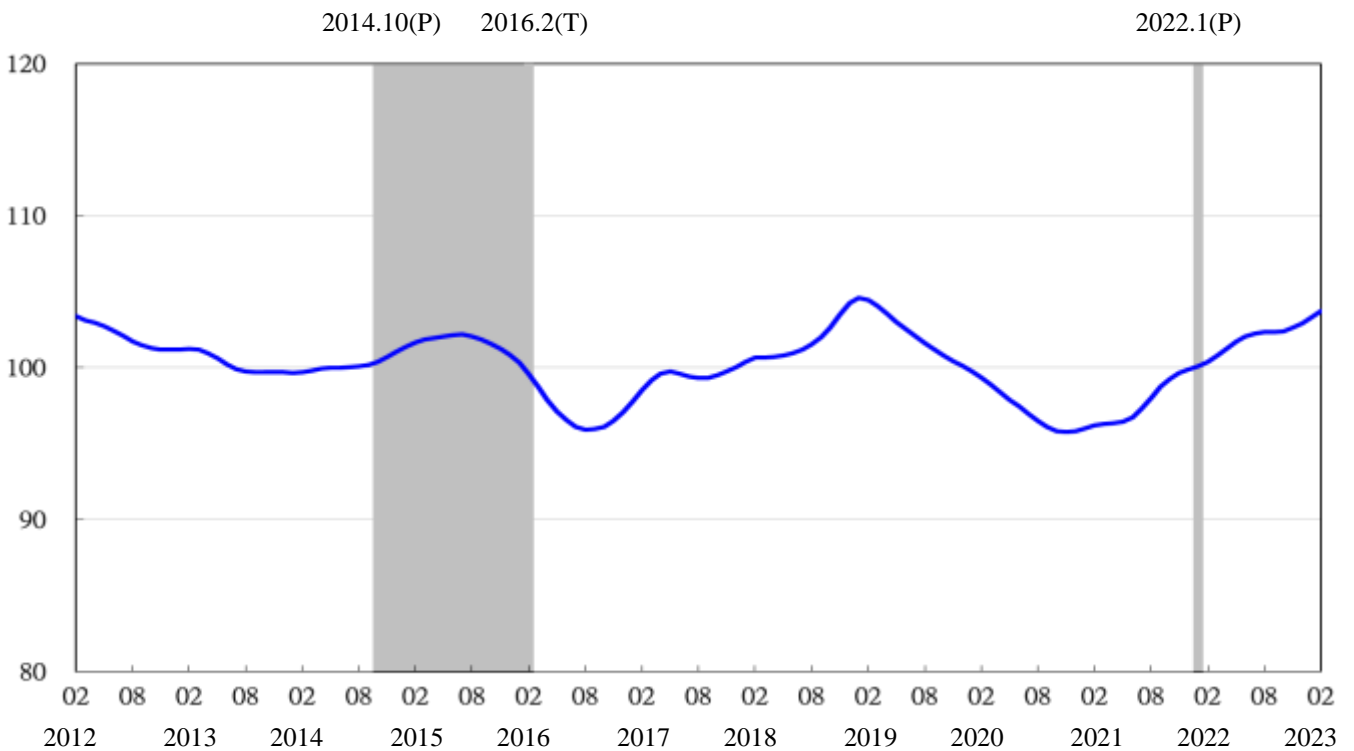


Figure 5 Trend-adjusted Lagging Index